

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	3434741	@ad> "20030316" @riad> "20030316" @pt1d> "20030316"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:28
S32	1	"10801697".rian. or ("10".src. and "801697".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 20:43
S33	3434741	@ad> "20030316" @riad> "20030316" @pt1d> "20030316"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S34	5829	257/686,777,e25.006,e25.013,e25.018,e25.021,e25.027,e23.085,e21.614.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S35	859	438/122,FOR.413.ccls. not S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S36	17146	257/276,625,675,706,707,712-722,796,E33.075,E31.131,E23.051,E23.08-e23.113.ccls. not S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S37	17506	(S36 S35) not S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S38	978	438/109,FOR.368,FOR.426.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S39	4739	(S34 S38) not S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S40	530	S39 and S37	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S41	9336	board with (heatsink heat adj sink spreader) not S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S42	115	S39 and S41	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S43	209	S40 and board not S42	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S44	109	(first second) adj (circuit wiring) adj board with stack\$ not S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:14
S45	64	(first second) adj (interposer carrier) and S39 not (S33 S44 S42 S43)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13

# EAST Search History

S46	3850	(first second) adj (circuit wiring) adj board not S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S47	41	S39 and S46	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S48	1	1994-019998.NRAN.	DERWENT	OR	ON	2006/07/12 18:13
S49	413	"3370203"   "3577037"   "3689684"   "4109096"   "4143456"   "4151543"   "4264917"   "4271426"   "4300153"   "4323914"   "4358552"   "4363076"   "4398235"   "4507675"   "4620757"   "4642671"   "4654472"   "4696525"   "4763188"   "4801998"   "4862245"   "4931852"   "4961107"   "4982265"   "4984059"   "5051275"   "5101465"   "5104480"   "5108955"   "5111278"   "5138438"   "5144747"   "5158465"   "5173764"   "5184208"   "5194930"   "5218759"   "5220489"   "5222014"   "5239448"   "5241456"   "5252853"   "5280192"   "5286679"   "5304842"   "5311060"   "5334875"   "5344795"   "5379186"   "5394303"   "5399104"   "5422514"   "5434105"   "5434745"   "5436203"   "5440169"   "5441684"   "5450283"   "5461255"   "5488254"   "5489538"   "5489801"   "5502333"   "5515241"   "5523628"   "5552635"   "5569956"   "5579207"   "5585668"   "5585675"   "5587341"   "5598034"   "5604376"   "5641997"   "5652461"   "5656857"   "5659952"   "5701233"   "5708298"   "5754408"   "5783870"   "5831832"   "5866953"   "5872700"   "5880403"   "5904497"   "5907477"   "5910685"   "5969426"   "5976912"   "6005778"   "6013948"   "6028365"   "6029882"   "6087202"   "6093029"   "6188127"   "6236568"   "6284569"   "6297548"   "6313522"   "6326240"   "6326544"   "6326696"   "6388333"   "6395582"   "6396143"   "6424030"   "6501165".PN. OR ("2001/0020741"   "2002/0121690"   "2003/0098504"   "2003/0164540"   "2003/0197260"   "2003/0201525"   "4982265"   "5138438"   "5587341"   "5708298"   "5910685"   "6262488"   "6297548"   "6424030"   "6521993"   "6586826"   "6627997"   "6650007"   "6693346"   "6730543"   "6781241").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 18:13
S50	305	S49 not (S33 S44 S42 S43 S45)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S51	5364	(upper top) adj2 board with (bottom lower) adj2 board not S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S52	1310	(interposer carrier) and S39 not (S33 S44 S42 S43)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S53	4	"05326817"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S54	25	watabiki-teruyuki.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:13
S55	125	("3564114"   "4322778").PN. OR ("4763188").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 18:26
S56	112	S55 not S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 18:26
S58	191123	("438"/\$.ccls. "257"/\$.ccls.) not S33	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/19 21:48
S59	59	(automatic adj) transmission transmission adj fluid (transmission with coolant)) and S58 not S33	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 19:48
S61	25	mechatronic and S58 not S33	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 19:53
S62	2	mechatronic with cool\$5 not S33	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 19:55
S63	0	mechatronic and S37 not S33	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 20:05

## EAST Search History

S66	138	257/e25.03.cds. not S33	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 20:20
S67	719	439/74.cds. not S33	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 20:07
S68	1715	(solder with side) and (wire with side) not (solder with wire with side) not S33	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 20:24
S69	2402640	semiconductor Integrated adj circuit Ic "438"/\$.cds. "257"/\$.cds. 228/280.22.cds. not S33	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 20:23
S70	1146	S68 and S69	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 20:24
S71	169	(solder with side with board) and (wire with side with board) not (solder with wire with side) not S33	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 20:28
S72	21	two adj color adj printing adj process	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 20:58
S73	731	257/714.cds. not S33	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 21:39
S74	19	thermoset\$ and S73	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 21:21
S75	76	encaps\$ and S73 not (S33 S74)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 21:33
S76	19	("5640995"   "5964239"   "6136212"   "6443179").PN. OR ("6548895").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 21:25
S77	10	S76 not S33	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 21:26
S79	4	cotofana.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 21:27
S83	2	encapsul\$ with groove with fluid with cool\$5 not S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 21:36
S84	104	S73 and mold\$5 not (S33 S74 S75)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/12 21:48
S85	1491	(leadframe lead adj frame) with (copper cu) with (plate\$2 plating clad\$) not S33	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/13 20:04
S86	324	flex\$5 with polyimide with board with (ceramic glass) not S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 21:53
S87	31	S85 and S86	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 19:56
S88	3	("3,564,114").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 19:57
S89	3440723	@ed> "20030316" @rld> "20030316" @pt1d> "20030316"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 19:58

## EAST Search History

S90	1491	(leadframe lead adj frame) with (copper cu) with (plate\$2 plating clad\$) not S89	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/13 19:58
S91	324	flex\$5 with polyimide with board with (ceramic glass) not S89	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 19:58
S92	31	S90 and S91	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 20:03
S93	15	(leadframe lead adj frame) with (copper cu) adj (plate\$2 plating clad\$) and (epoxy with (filler)) not S89	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/13 21:23
S94	362	(leadframe lead adj frame) with (copper cu) adj (plate\$2 plating clad\$) not S89	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/13 21:22
S96	21	S91 and thermoset\$ and (epoxy with (filler)) not S89	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 22:11
S97	7	dle adj attach with epoxy with solder with board not S89	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 22:13
S98	2	("20010003373").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/14 20:44
S99	5	(US-20030137032-\$ or US-20010022404-\$ or US-20010003373-\$).did. or (US-4763188-\$ or US-6548895-\$).did.	US-PGPUB; USPAT	OR	ON	2006/07/14 20:46
S100	3	S99 and thermo\$7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/14 20:46
S101	40	(US-20030137032-\$ or US-20030098504-\$ or US-20010005048-\$ or US-20010022404-\$ or US-20030201525-\$ or US-20020121690-\$ or US-20010020741-\$ or US-20030164540-\$ or US-20030197260-\$ or US-20030038366-\$ or US-20010003373-\$).did. or (US-3564114-\$ or US-5221859-\$ or US-5285104-\$ or US-6627997-\$ or US-6586826-\$ or US-6730543-\$ or US-6781241-\$ or US-6693346-\$ or US-6297548-\$ or US-6262488-\$ or US-5910685-\$ or US-5708298-\$ or US-5138438-\$ or US-4982265-\$ or US-6650007-\$ or US-6521993-\$ or US-6424030-\$ or US-5587341-\$ or US-6798056-\$ or US-6005778-\$ or US-5880403-\$ or US-4763188-\$ or US-6244331-\$ or US-5319522-\$ or US-5040994-\$ or US-6548895-\$).did. or (US-6429513-\$ or US-6739042-\$ or US-5191404-\$).did.	US-PGPUB; USPAT	OR	ON	2006/07/18 17:25
S102	2	ceramic with polyimide and S101	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 21:43
S104	40	(US-20030137032-\$ or US-20030098504-\$ or US-20010005048-\$ or US-20010022404-\$ or US-20030201525-\$ or US-20020121690-\$ or US-20010020741-\$ or US-20030164540-\$ or US-20030197260-\$ or US-20030038366-\$ or US-20010003373-\$).did. or (US-3564114-\$ or US-5221859-\$ or US-5285104-\$ or US-6627997-\$ or US-6586826-\$ or US-6730543-\$ or US-6781241-\$ or US-6693346-\$ or US-6297548-\$ or US-6262488-\$ or US-5910685-\$ or US-5708298-\$ or US-5138438-\$ or US-4982265-\$ or US-6650007-\$ or US-6521993-\$ or US-6424030-\$ or US-5587341-\$ or US-6798056-\$ or US-6005778-\$ or US-5880403-\$ or US-4763188-\$ or US-6244331-\$ or US-5319522-\$ or US-5040994-\$ or US-6548895-\$).did. or (US-6429513-\$ or US-6739042-\$ or US-5191404-\$).did.	US-PGPUB; USPAT	OR	ON	2006/07/18 17:25
S105	7	S104 and thermoset\$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 17:26
S106	3	S104 and thermoset\$ and epoxy and filler	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 17:26
S107	3452722	@ad> "20030316" @rlad> "20030316" @pt1d> "20030316"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 21:45

## EAST Search History

S10 8	26	(leadframe lead adj frame) and automatic adj transmission not S107	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 21:46
S10 9	2	cool\$ and S108	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 21:47
S11 0	3452722	@ad> "20030316" @riac> "20030316" @pt1d> "20030316"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 21:48
S11 1	191178	("438"/\$.ccds. "257"/\$.ccds.) not S110	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/19 21:48
S11 2	6	automatic adj transmission and S111	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/19 21:50
S11 3	1	cool\$5 and S112	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/07/19 21:50